

Amendment to Claims:

The following listing of claims reflects the changes requested per this amendment:

Listing of Claims:

Claim 1 (currently amended) A topically-applied thermal device comprising a flexible plastic containment defining a single interior compartment and a single activatable thermochemical liquid composition encased therein, said flexible plastic containment comprising a multilayer film comprising:

- an outer polymeric barrier layer comprising an oxide coating; and
- an inner polymeric sealant layer.

Claim 2 (original) The thermal device according to claim 1, further comprising an adhesive layer laminating together said outer polymeric barrier layer and said inner polymeric sealant layer.

Claim 3 (original) The thermal device according to claim 1, wherein said oxide coating is selected from the group consisting of aluminum oxide and silicone oxide.

Claim 4 (original) The thermal device according to claim 1, wherein said outer polymeric barrier layer comprises polyester.

Claim 5 (original) The thermal device according to claim 1, wherein said inner polymeric sealant layer comprises a blend of low density polyethylene (LDPE) and ethylvinyl acetate (EVA).

Claim 6 (currently amended) A topically-applied thermal device comprising a flexible plastic containment defining a single interior compartment and a single activatable

thermochemical liquid composition encased therein, said flexible plastic containment comprising a multilayer film comprising:

an outer polymeric barrier layer comprising polyester, said outer layer further comprising an oxide coating on the interior surface of said polyester layer;

an inner polymeric sealant layer comprising a blend of low density polyethylene (LDPE) and ethylvinyl acetate (EVA); and

an adhesive layer between said outer layer and said inner layer.

Claim 7 (original) The thermal device according to claim 6, wherein said oxide coating comprises aluminum oxide.

Claim 8 (original) The thermal device according to claim 6, wherein said thermochemical liquid composition comprises a supersaturated aqueous mixture comprising a chemical salt.

Claim 9 (original) The thermal device according to claim 8, wherein said thermochemical liquid composition comprises aqueous sodium acetate; aqueous sodium thiosulfate; or aqueous magnesium sulfate.

Claim 10 (original) The thermal device according to claim 6, wherein said adhesive layer comprises an ethyl acetate/aromatic polyisocyanate/methyl acetate blend.